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Substitute for form 1449/PTO				Complete if Known		
				Application Number		
INF	FORMATIO	N DISC	LOSURE	Filing Date		
ST	ATEMENT			First Named Inventor	Joseph Michael Petrowski	
	(Use as many sheets as necessary)			Art Unit		
				Examiner Name		
Sheet	1	of	2	Attorney Docket Number	06450 USA	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or		
		Number-Kind Code <sup>2 (f inown)</sup>	·		Relevant Figures Appear		
ns		<sup>US-</sup> 3,581,510	06/01/1971	James H. Hughes			
2		<sup>US-</sup> 5,365,740	11/22/1994	Kikkawa et al.			
25		<sup>US-</sup> 5,611,216	03/18/1997	Low et al.			
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	FOREIGN PATENT DOCUMENTS							
Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ <sup>6</sup>			
	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>6</sup> (7)							
	WO 01/44734	06/21/2001	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	·				
	Cite No.1	Cite No.1 Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup>	Cite No. 1 Foreign Patent Document Publication Date MM-DD-YYYY  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (7)	Cite No.¹ Foreign Patent Document  Publication Date MM-DD-YYYY  Country Code³ Number⁴ Kind Code⁵ Ø  WO 01/44734 ·   06/21/2001 SHELL INTERNATIONALE RESEARCH	Cite No.¹ Foreign Patent Document Date MM-DD-YYYY  Country Code³ Number⁴ Kind Code⁴   WO 01/44734  Description  Date MM-DD-YYYY  Name of Patentee or Applicant of Cited Document Passages or Relevant Figures Appear  SHELL INTERNATIONALE RESEARCH			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date		
"				First Named Inventor	Joseph Michael Petrowski	
	(Use as man	y sheets as nec	essary)	Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	06450 USA	

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カラ		BLAHOVEC, JAMES E. et al., "Guidelines for Specifying and Evaluating New and Rerated Multistage Centrifugal Compressors", from <i>Proceedings of the 27<sup>th</sup> Turbomachinery Symposium</i> , Turbomachinery Laboratory, Texas A&M University, College Station, TX, pp. 215-231, Copyright 1998				
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